

MAIL ROOM
DATE CANCELLED
1995

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

7707-015

SERIAL NO.

08/488,164

APPLICANT
Kopchick and Chen

MAIL ROOM
36
18
1995
DATE
7, 1995

GROUP

1812
To Be Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CS	AA	3,664,925	May-1972	Sonenberg <i>et al.</i>	435	68.1	
	AB	4,056,520	Nov-1977	Sonenberg <i>et al.</i>	530	324	
	AC	4,443,539	Apr-1984	Fraser <i>et al.</i>	435	69.4	
	AD	5,079,345	7-Jan-1992	Becker <i>et al.</i>	530	399	

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CS	AE	75444	Sep-1982	EPA				
	AF	103395	Aug-1983	EPA				
	AG	161640	May-1985	EPA				
	AH	193515	Feb-1986	EPA				
	AI	2073245	Mar-1981	GB				
	AJ	9100870	24-Jan-1991	PCT				
	AK	US90/05874	12-Oct-1990	PCT				
	AL	US90/03550	24-Jan-1991	PCT				
	AM	US92/03743	6-May-1992	PCT				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CS	AN	Brems <i>et al.</i> , 1987, "Helical formation in isolated fragments of bovine growth hormone", Biochemistry 26:7774-7778.
	AO	Swislocki <i>et al.</i> , 1970, "In vitro metabolic effects of bovine growth hormone fragments in adipose tissue", Endocrinology 87:900-904.
	AP	Paladini <i>et al.</i> , 1979, "The intriguing nature of the multiple actions of growth hormone", TIBS 256-260.

✓	AQ	Hara <i>et al.</i> , 1978, "Recombination of the biologically active peptides from a tryptic digest of bovine growth hormone", <i>Biochemistry</i> 17:550-556.
	AR	Chen and Sonenberg, 1977, "Revision of the amino acid sequence of an active fragment of bovine growth hormone", <i>J. Biol. Chem.</i> 250:2510-2514.
	AS	Hammer <i>et al.</i> , 1985, "Production of transgenic rabbits, sheep and pigs by microinjection", <i>Nature</i> 315:680-683.
	AT	Palmiter <i>et al.</i> , 1982, "Dramatic growth of mice that develop from eggs microinjected with metallothionein - growth hormone fusion genes", <i>Nature</i> 300:611-615.
	AU	Palmiter <i>et al.</i> , 1983, "Metallothionein-Human GH fusion genes stimulate growth of mice", <i>Science</i> 222:809-814.
	AV	Hammer, 1985, "Expression of human growth hormone-releasing factor in transgenic mice results in increased somatic growth", <i>Nature</i> 315:413-416.
	AW	McGrane <i>et al.</i> , 1988, "Tissue-specific expression and dietary regulation of a chimeric phosphoenolpyruvate carboxykinase/bovine growth hormone gene in transgenic mice", <i>J. Biol. Chem.</i> 263:11443-11451.
	AX	Kopchick <i>et al.</i> , 1989, "Direct DNA transfer and molecular approaches to animal growth", <i>Brazil. J. Genetics</i> 12:37-54.
	AY	Chou and Fasman, 1974, "Prediction of protein conformation", <i>Biochemistry</i> 13:222-245.
	AZ	Kaiser, 1987, "Design of amphiphilic peptides", in: <i>Protein Engineering</i> (Oxender and Fox, eds) 193-199.
	BA	DeGrado <i>et al.</i> , 1981, "Design, synthesis and characterization of a cytotoxic peptide with melittin-like activity", <i>J. Am. Chem. Soc.</i> 103:679-681.
	BB	DeGrado <i>et al.</i> , 1982, "Kinetics and mechanism of hemolysis induced by melittin and by a synthetic melittin analogue", <i>Biophys. J.</i> 37:339-338.
	BC	Tou <i>et al.</i> , 1986, "Amphiphilic growth hormone releasing factor (GRF) analogs: Peptide design and biological activity <u>in vivo</u> ", <i>Biochem. Biophys. Res. Comm.</i> 139:763-770.
	BD	Brems <i>et al.</i> , 1988, "Stabilization of an associated folding intermediate of bovine growth hormone by site-directed mutagenesis", <i>Proc. Natl. Acad. Sci</i> 85:3367-3371.
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CS	BI	Cunningham <i>et al.</i> , 1989, "Receptor and antibody epitopes in human growth hormone identified by homolog-scanning mutagenesis", Science 243:1330-1336.
	BJ	Chen <i>et al.</i> , 1992, "Conversion of bovine growth hormone cysteine residues to serine affects secretion by cultured cells and growth rates in transgenic mice", Mol. Endocrinology 6:598-606.
	BK	Chen <i>et al.</i> , 1991, "Functional antagonism between endogenous mouse growth hormone (GH) and a GH analog results in dwarf transgenic mice", Endocrinology 129:1402-1408.
	BL	Chen <i>et al.</i> , 1991, "Glycine 119 of bovine growth hormone is critical for growth promoting activity" Mol. Endocrinology 5:1845-1852.
	BM	Chen <i>et al.</i> , 1991, "Mutations in the third α -helix of bovine growth hormone dramatically affect its intracellular distribution <u>in vitro</u> and growth enhancement in transgenic mice", J. Biol. Chem. 266:2252-2258.
	BN	Chen <i>et al.</i> , 1992, "Receptor binding mitogenic activity and transgenic mouse studies on bGH-hGH analogs", FASEB J. 6:A1344.
	BO	Chen <i>et al.</i> , 1992, "Substitution mutations at Lysine-64 (K64) of bovine growth hormone (bGH) affect receptor binding affinities and growth rates of transgenic mice", FASEB J. 5:A424.
	BP	Cunningham <i>et al.</i> , High resolution epitope mapping of hGH-receptor interactions by alanine scanning mutagenesis", Science 244:1081-1085.
	BQ	Goeddel <i>et al.</i> , 1979, "Direct expression in Escherichia Coli of a DNA sequence coding for human growth hormone", Nature 281:544-548.
	BR	Kopchick and Cioffi, 1991, "Exogenous and endogenous effects of growth hormone in animals", Livest. Prod. Sci. 27:61-75.
	BS	McAndrew <i>et al.</i> , 1991, "Effects of a leucine analog on growth hormone processing and secretion by cultured cells", J. Biol. Chem. 266:15016-15020.
	BT	McAndrew <i>et al.</i> , 1991 "Expression of truncated forms of the bovine growth hormone gene in cultured mouse cells", J. Biol. Chem. 266:20956-20969.
	BU	Okada <i>et al.</i> , 1992, "A growth hormone (GH) analog can antagonize the ability of native GH to promote differentiation of 3T3-F442A preadipocytes and stimulate insulin-like and lipolytic activities in primary rat adipocytes", Endocrinology 130:2284-2290.
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	BW	Parks <i>et al.</i> , 1992, "Structural-functions studies of the first alpha-helix of bovine growth hormone", FASEB J. 6:A1345.
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✓	BY	Watahiki <i>et al.</i> , 1989, "Conserved and unique amino acid residues in the domains of the growth hormones", J. Biol. Chem. 264:312-316.

CA	BZ	Fuh <i>et al.</i> , 1992, "Rational design of potent antagonists to the human growth receptor", Science 256:1677-1680.
	CA	Yamasaki <i>et al.</i> , 1975, "Studies on the common active site of growth hormone. Revision of the amino acid sequence of an active fragment of bovine growth hormone", J. Biol. Chem. 250(7):2510-2514.
	CB	Zoller and Smith, 1987, "Oligonucleotide directed mutagenesis: A simple method using two oligonucleotide primers and a single-stranded DNA template", Methods Enzymol. 154:329-350.
	CC	Bell <i>et al.</i> , 1991, "Diabetic nephropathy: Changing concepts of pathogenesis and treatment", Am J Med Sci 301(3):195-200.
	CD	Bratusch-Marrain <i>et al.</i> , 1982, "The effect of growth hormone on glucose metabolism and insulin secretion in man", J Clin Endocrinol Metab 55(5):973-982.
	CE	Chang <i>et al.</i> , 1987, "High-level secretion of human growth hormone by <i>Escherichia coli</i> ", Gene 55:189-196.
	CF	Chen <i>et al.</i> , 1994, "In vitro and in vivo studies of antagonistic effects of human growth hormone analogs", J Biol Chem 269(22):15892-15897.
	CG	Chen <i>et al.</i> , 1995, "Effects of streptozotocin treatment in growth hormone (GH) and GH antagonist transgenic mice", Endocrinology 136(2):660-667.
	CH	DeNoto <i>et al.</i> , 1981, "Human growth hormone DNA sequence and mRNA structure: Possible alternative splicing", Nucleic Acids Res 9(15):3719-3730.
	CI	Doi <i>et al.</i> , 1990, "Glomerular lesions in mice transgenic for growth hormone and insulinlike growth factor-1", Am J Pathol 137(3):541-552.
	CJ	Doi <i>et al.</i> , 1988, "Progressive glomerulosclerosis develops in transgenic mice chronically expressing growth hormone and growth hormone releasing factor but not in those expressing insulinlike growth factor-1", Am J Pathol 131(3):398-403.
	CK	Foley <i>et al.</i> , 1995, "The effect of growth hormone on a mouse model of proliferative retinopathy", Invest Ophthalmol Visual Sci 36(4):Abstract.
	CL	Froesch <i>et al.</i> , 1985, "Actions of insulin-like growth factors", Ann Rev Physiol 47:443-467.
	CM	Gerich, 1984, "Role of growth hormone in diabetes mellitus", New Engl J Med 310(13):848-850.
	CN	Graf <i>et al.</i> , 1976, "Action of thrombin on ovine, bovine and human pituitary growth hormones", Eur J Biochem 64:333-340.
✓	CO	Leung <i>et al.</i> , 1986, "Purification and physiochemical properties of a recombinant bovine growth hormone produced by cultured murine fibroblasts", Endocrinol 119(4):1489-1496.

CA	CP	MacGorman <i>et al.</i> , 1981, "Physiological concentrations of growth hormone exert insulin-like and insulin antagonistic effects on both hepatic and extrahepatic tissues in man", <i>J Clin Endocrinol Metab</i> 53(3):556-559.
	CQ	Melmed <i>et al.</i> , 1994, "Consensus Statement: Benefits versus risks of medical therapy for acromegaly", <i>Am J Med</i> 97:468-473.
	CR	Mercado <i>et al.</i> , 1994, "Distribution of growth hormone receptor messenger ribonucleic acid containing and lacking exon 3 in human tissues", <i>J Clin Endocrinol Metab</i> 78(3):731-735.
	CS	Merimee, 1978, "A follow-up study of vascular disease in growth-hormone-deficient dwarfs with diabetes", <i>New Engl J Med</i> 298(22):1217-1222.
	CT	Miller <i>et al.</i> , 1980, "Molecular cloning of DNA complementary to bovine growth hormone mRNA", <i>J Biol Chem</i> 255(16):7521-7524.
	CU	Ng <i>et al.</i> , 1974, "Insulin potentiating action of synthetic peptides relating to the amino terminal sequence of human growth hormone", <i>Diabetes</i> 23(12):943-949.
	CV	Pesce <i>et al.</i> , 1991, "Glomerulosclerosis at both early and late stages is associated with increased cell turnover in mice transgenic for growth hormone", <i>Lab Invest</i> 65(5):601-605.
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	CX	Robins <i>et al.</i> , 1982, "Regulated expression of human growth hormone genes in mouse cells", <i>Cell</i> 29:623-631.
	CY	Rymaszewski <i>et al.</i> , 1991, "Human growth hormone stimulates proliferation of human retinal microvascular endothelial cells <i>in vitro</i> ", <i>Proc Natl Acad Sci USA</i> 88:617-621.
	CZ	Stewart <i>et al.</i> , 1992, "An evaluation of the functions of the 22-kilodalton (kDa), the 20-kDa, and the N-terminal polypeptide forms of human growth hormone using transgenic mice", <i>Endocrinol</i> 130(1):405-414.
	DA	Strobl and Thomas, 1994, "Human growth hormone", <i>Pharmacological Reviews</i> 46(1):1-34.
	DB	Vance and Harris, 1991, "Long-term treatment of 189 acromegalic patients with the somatostatin analog octreotide", <i>Arch Intern Med</i> 151:1573-1578.
	DC	Weigent and Blalock, 1995, "Growth hormone effects on the immune system", in <u>Human Growth Hormone Pharmacology: Basic and Clinical Aspects</u> , Shiverick and Rosenbloom (eds.) pp. 141-151.
	DD	Woychik <i>et al.</i> , 1982, "Cloning and nucleotide sequencing of the bovine growth hormone gene", <i>Nucleic Acids Res</i> 10(22):7197-7210.
	DE	Yang <i>et al.</i> , 1993, "Glomerulosclerosis in mice transgenic for native or mutated bovine growth hormone gene", <i>Kidney International</i> Vol. 43, Suppl. 39, pp. S90-S94.
✓	DF	Yang <i>et al.</i> , 1993, "Glomerulosclerosis and body growth are mediated by different portions of bovine growth hormone", <i>Lab Invest</i> 68(1):62-70.

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EXAMINER <i>Christine Saoud</i>	DATE CONSIDERED <i>9/6/96</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	